

IN THE CLAIMS:

The following is a current listing of claims and will replace all prior versions and listings of claims in the application. Please amend the claims as follows:

1-51. (Canceled)

52. (Currently Amended) A method ~~for sending a processed image, comprising at least one element, from a server to a client for construction and display, said method comprising:~~
a server storing an image element, wherein the image element is usable to perform an image reconstruction process to generate an image, wherein the image reconstruction process includes a plurality of operations;
~~determining the parameters for data transfer from the server to the~~ server identifying a communication parameter associated with a client;
~~determining the capabilities of the server identifying a processing parameter of the client;~~
~~determining the task requirements; and~~
the server receiving a request to provide the image to the client;
~~apportioning the processing between the server and the client~~ the server selecting a set of the plurality of operations based at least in part on the processing parameter and the communication parameter; for each element to meet the task requirement.
the server performing the set of the plurality of operations to generate a processed image element, wherein the performing uses the stored image element; and
the server sending the processed image element to the client, wherein the client is configured to perform remaining ones of the plurality of operations using the processed image element to display the image.

53. (Currently Amended) ~~A method, according to~~ The method of claim 52, wherein said parameters for data transfer from said server to said client include at least one of: communication parameter comprises a ~~the transmission bandwidth of said server; the reception bandwidth of said client; the bandwidth of said data channel; the transmission protocol employed between said server and said client; and the accessibility of the channel employed between said server and said client.~~

54. (Currently Amended) ~~A method, according to~~ The method of claim ~~53~~ 52, wherein said processing parameter comprises a ~~capabilities of said client include at least one of: the data processing speed of said client; the available memory of said client; the size of display in said client; and the data processing software available within said client.~~

55. (Currently Amended) ~~A method, according to~~ The method of claim 52, wherein said selecting is performed to reduce rendering time for the image by the client ~~task requirements comprise at least one of: the maximum time from transmission to display of the image; and the minimum display resolution of the image.~~

56-117. (Canceled)

118. (New) An article of manufacture including a computer-readable medium having instructions stored thereon that, upon execution by a computer system, cause the computer system to perform operations comprising:

- storing a plurality of image elements, wherein the plurality of image elements are usable to perform an image reconstruction process to generate an image, wherein the image reconstruction process includes a plurality of tasks;

- receiving a request to provide the image to a client;

- determining a first portion of the plurality of tasks to be performed by the computer system, wherein said determining is based at least in part upon at least one characteristic associated with the client;

- performing the first portion of the plurality of tasks on at least a portion of the plurality of image elements to produce a partially processed version of the image; and
- transmitting the partially processed version of the image to the client, wherein the partially processed version of the image is usable by the client to display the image.

119. (New) The article of manufacture of claim 118, the operations further comprising:

- storing a set of image processing instructions at the computer system; and

- transmitting the set of image processing instructions to the client, wherein the client is configured to execute the set of image processing instructions using the partially processed version of the image to display the image.

120. (New) The article of manufacture of claim 118, wherein the at least one characteristic includes a processing speed of the client and a bandwidth of a communication channel available to the client, and wherein said determining comprises:

- identifying the processing speed;

- identifying the bandwidth; and

- selecting the first portion of the plurality of tasks to be performed by the computer system based at least in part on the processing speed and the bandwidth.

121. (New) The article of manufacture of claim 120, wherein said selecting minimizes a time between the computer system performing said transmitting and the client displaying the image.

122. (New) The article of manufacture of claim 120, the operations further comprising:
selecting a second portion of the plurality of tasks to be performed by the client.

123. (New) The article of manufacture of claim 120, wherein the selecting the first portion of the plurality of tasks includes determining that the bandwidth is above a threshold.

124. (New) The article of manufacture of claim 120, wherein the selecting the first portion of the plurality of tasks includes determining that the bandwidth is below a threshold.

125. (New) The article of manufacture of claim 120, wherein the selecting the first portion of the plurality of tasks includes determining that the processing speed of the client is below a threshold.

126. (New) The article of manufacture of claim 120, wherein the selecting the first portion of the plurality of tasks includes determining that the processing speed of the client is above a threshold.

127. (New) A computer system comprising:
a memory that, during operation, stores instructions; and
a processor that, during operation, retrieves instructions from the memory and executes
the instructions to cause the computer system to perform operations comprising:
storing a processed version of an image;
storing an unprocessed version of the image usable in an image reconstruction process to
generate the processed version of the image;
receiving a request to provide the image to a client;
selecting between the processed version of the image and the unprocessed version of the
image, wherein said selecting is based at least in part upon at least one
characteristic associated with the client; and
transmitting the selected version of the image to the client.
128. (New) The computer system of claim 127, the operations further comprising:
storing an image processing instruction that is usable by the client to generate the
processed version of the image based at least in part on the unprocessed version of
the image; and
transmitting the image processing instruction to the client.
129. (New) The computer system of claim 127, wherein the at least one characteristic
comprises a type of processor used by the client.
130. (New) The computer system of claim 127, wherein the at least one characteristic
comprises a type of display used by the client.
131. (New) The computer system of claim 127, wherein the at least one characteristic
comprises a software program used by the client.
132. (New) The computer system of claim 127, wherein the at least one characteristic
comprises a bandwidth of a communication channel used by the client.

133. (New) The computer system of claim 127, wherein the at least one characteristic comprises a transmission protocol used by the client.
134. (New) A client device comprising:
a memory that, during operation, stores instructions; and
a processor that, during operation, retrieves instructions from the memory and executes the instructions to cause the client device to perform operations comprising:
transmitting a request for an image to a server;
sending to the server at least one characteristic associated with the client device;
receiving from the server an image element processed to an extent determined at least in part by the at least one characteristic associated with the client device;
generating the image in response to said receiving; and
displaying the image.
135. (New) The client device of claim 134, the operations further comprising:
receiving from the server an image reconstruction instruction.
136. (New) The client device of claim 135, wherein the generating comprises:
applying the image reconstruction instruction to the received image element to generate the image.
137. (New) An article of manufacture including a computer-readable medium having instructions stored thereon that, upon execution by a client device, cause the client device to perform operations comprising:
transmitting a request for an image to a server;
providing to the server at least one characteristic associated with the client device;
receiving from the server an image element processed to an extent determined at least in part by the at least one characteristic associated with the client device;
generating the image in response to said receiving; and
displaying the image.